



Sughrue

SUGHRUE MION, PLLC

J. Frank Osha, Esq.

T (202) 663-7915
fosh@ sughrue.com

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

1010 El Camino Real
Menlo Park, CA 94025-4345
T 650.325.5800
F 650.325.6606

Toei Nishi Shimbashi Bldg. 4F
13-5 Nishi Shimbashi 1-Chome
Minato-Ku, Tokyo 105-0003
Japan

T 03.3503.3760
F 03.3503.3756

www.sughrue.com

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

November 6, 2001

Re: Application of Naomi ISHIZUKA, Akihito MATSUMOTO, Eiichi KONO,
Motoji SUZUKI, Akihiro SATO, Hiroshi MATSUOKA, Masafumi KANAI
CIRCUIT BOARD AND ELECTRONIC EQUIPMENT USING THE SAME
Assignee: NEC CORPORATION
Our Ref. Q67047

11/06/01
JC971 U.S. PTO
09/985727

Dear Sir:

Attached hereto is the application identified above including 19 sheets of the specification, including the claims and abstract, 9 sheets of drawings, the executed Assignment and PTO 1595 form, and the executed Declaration and Power of Attorney. Also enclosed is an Information Disclosure Statement with Form PTO-1449 and 2 references.

The Government filing fee is calculated as follows:

| | | | | | | | | |
|--------------------|-----------|---|-----------|---|---|---------|---|----------|
| Total claims | <u>14</u> | - | <u>20</u> | = | x | \$18.00 | = | |
| Independent claims | <u>2</u> | - | <u>3</u> | = | x | \$84.00 | = | |
| Base Fee | | | | | | | | \$740.00 |

| | |
|---------------------------|-----------------|
| TOTAL FILING FEE | \$740.00 |
| Recordation of Assignment | \$40.00 |
| TOTAL FEE | \$780.00 |

Checks for the statutory filing fee of \$740.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.



Commissioner for Patents
November 6, 2001
Page 2

Priority is claimed from December 19, 2000, and October 19, 2001, based on Japanese Application Nos. 2000-384964, and 2001-322463, respectively. A certified copy of JPA 2000-384964 is enclosed herewith. The remaining certified copy of the second priority document will be filed in due course.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By: John Callahan
John T. Callahan
Registration No. 32,607
for J. Frank Osha
Registration No. 24,625